PLANNING AND SCHEDULING DIPLOMA

SCHEDULE DEVELOPMENT

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SCHEDULE DEVELOPMENT

- Project schedule development, an iterative process, determines planned start (ES,LS) and finish dates (EF,LF) for project activities.

- L.F. = Late Finish = L.S. + D
- E.F = Early Finish = E.S. + D

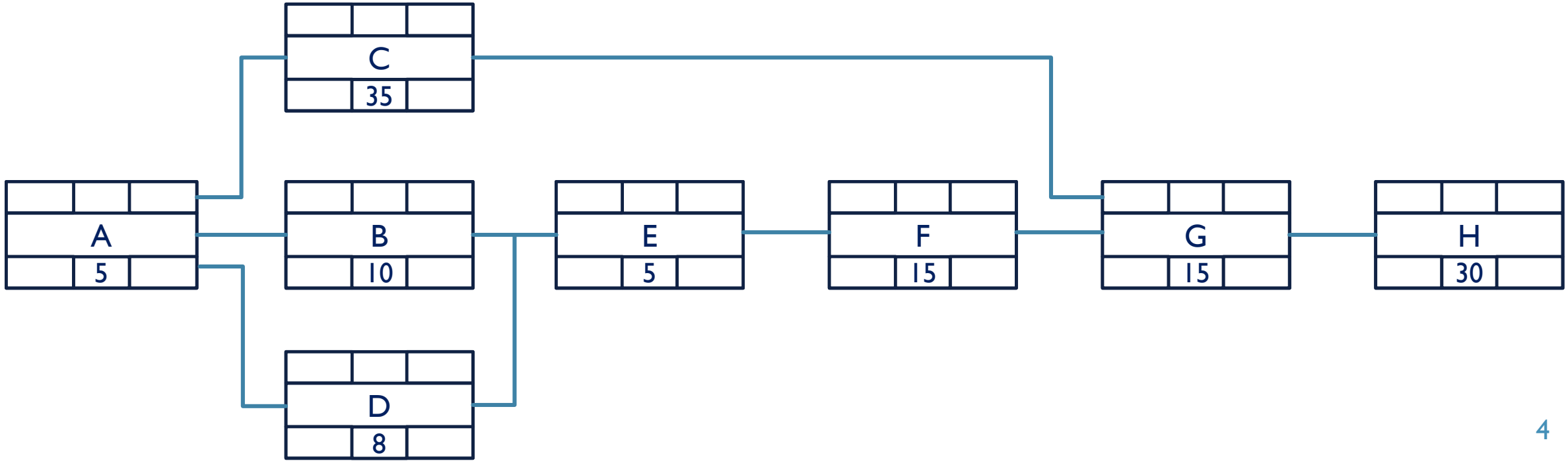
SCHEDULE DEVELOPMENT

- Total Float (TF)
  The total float is the maximum time that the activity can be delayed without causing the delay in the final project completion.
  TF= L.F. – E.F. Or TF= L.S – E.S.

- Free Float (FF)
  The free float is the maximum time activity may be delayed without affecting the start of the successor activities.
  FF= E.S. j – E.F i

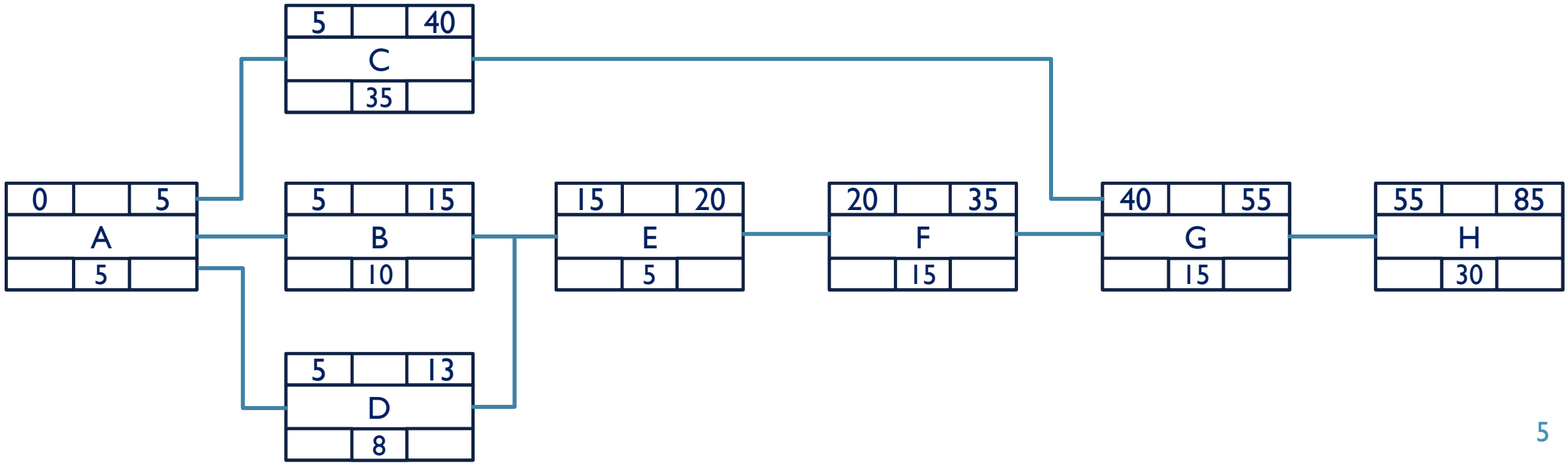
SCHEDULE DEVELOPMENT

- In order to compute the schedule, Forward Calculation & Backward Calculation shall be done.
- Example



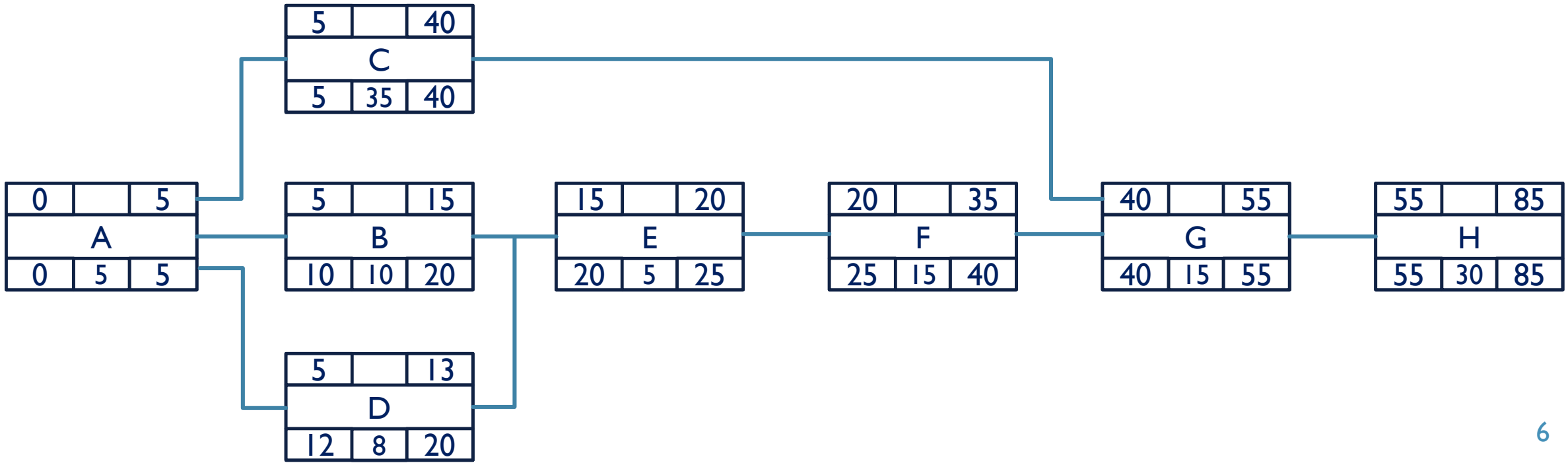
SCHEDULE DEVELOPMENT

- Forward Path



SCHEDULE DEVELOPMENT

- Backward Path



THANKS FOR WATCHING